

ABSTRACT

SYSTEM AND ASSOCIATED METHOD FOR HIGH OUTPUT

LABEL APPLICATION

A system used for applying labels, such as heat-transfer labels, to
5 articles, includes an article conveyor adapted for intermittent motion. The
system also includes a plurality of decorating stations located proximate to the
article conveyor. Each of the plurality of decorating stations includes a transfer
roll. Each one of the plurality of transfer rolls is associated with one of a
plurality of webs. These webs carry labels, such as heat-transfer labels, to be
10 applied from the transfer rolls to articles being carried along the article conveyor
during operation of the apparatus. The intermittent motion of the conveyor
includes a moving period and a stopping period. The stopping period of the
intermittent motion substantially coincides with the application of the labels to
the articles